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Sheet 1 of 1

### Complete if Known

Application Number	10/657,206
Filing Date	January 22, 2004
First Named Inventor	Chae-Whan Lim et al.
Art Unit	
Examiner Name	
Attorney Docket Number	45682

### U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
AL ↓		US- 5,855,000	12/1998	Waibel et al.	
		US- 5,465,304	11/1995	Cullen et al.	
		US- 5,022,081	06/1991	Hirose et al.	
		US-			
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### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†*
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
AL ↓		DE10104270 A1	08-01-2002	Hermesen		
		XP010328169	03-15-1999	Chardon et al.		
		O 78035467 2	1999	Marichal et al.		
		XP000475819	10-1994	IBM		

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